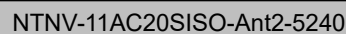
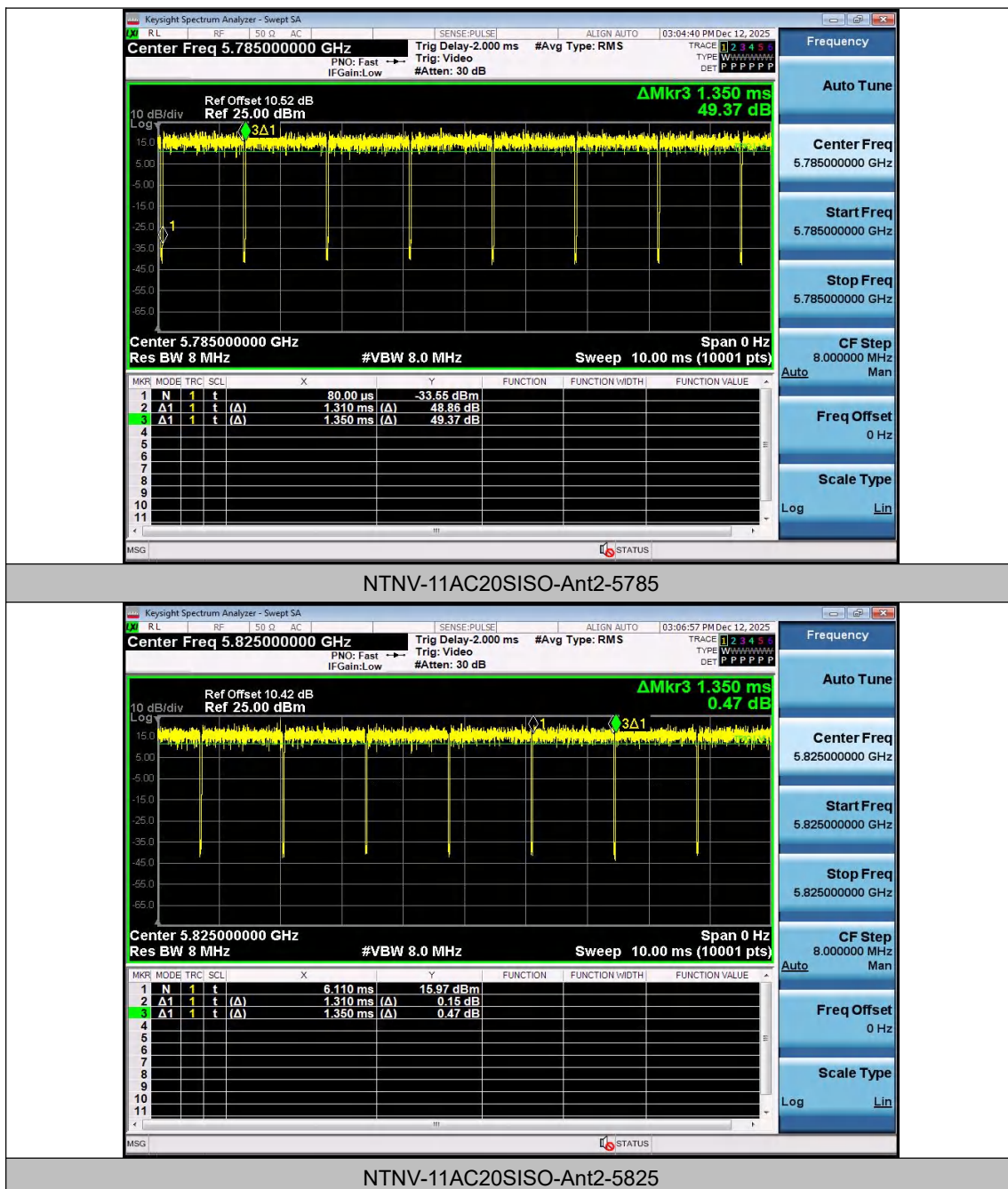


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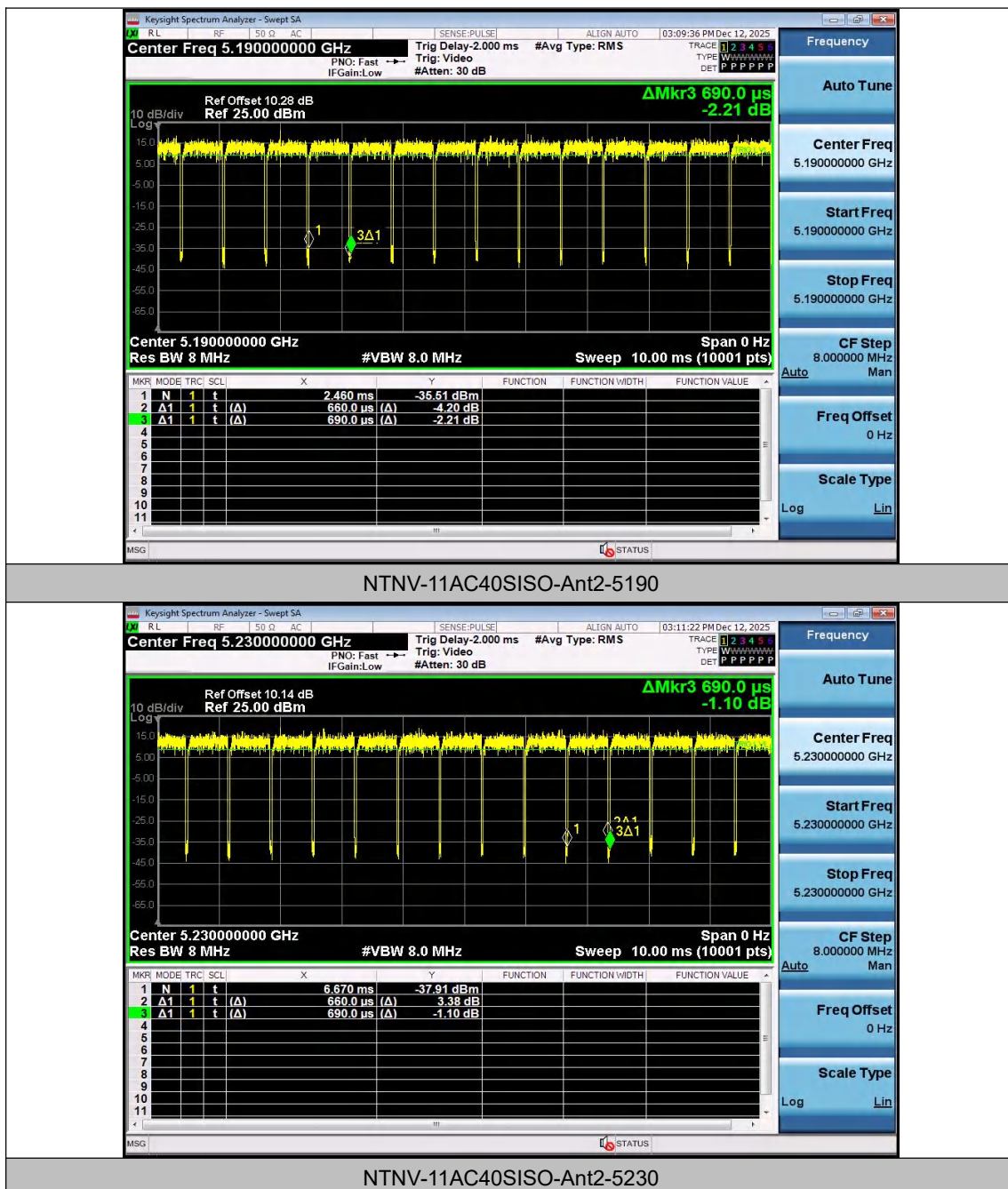




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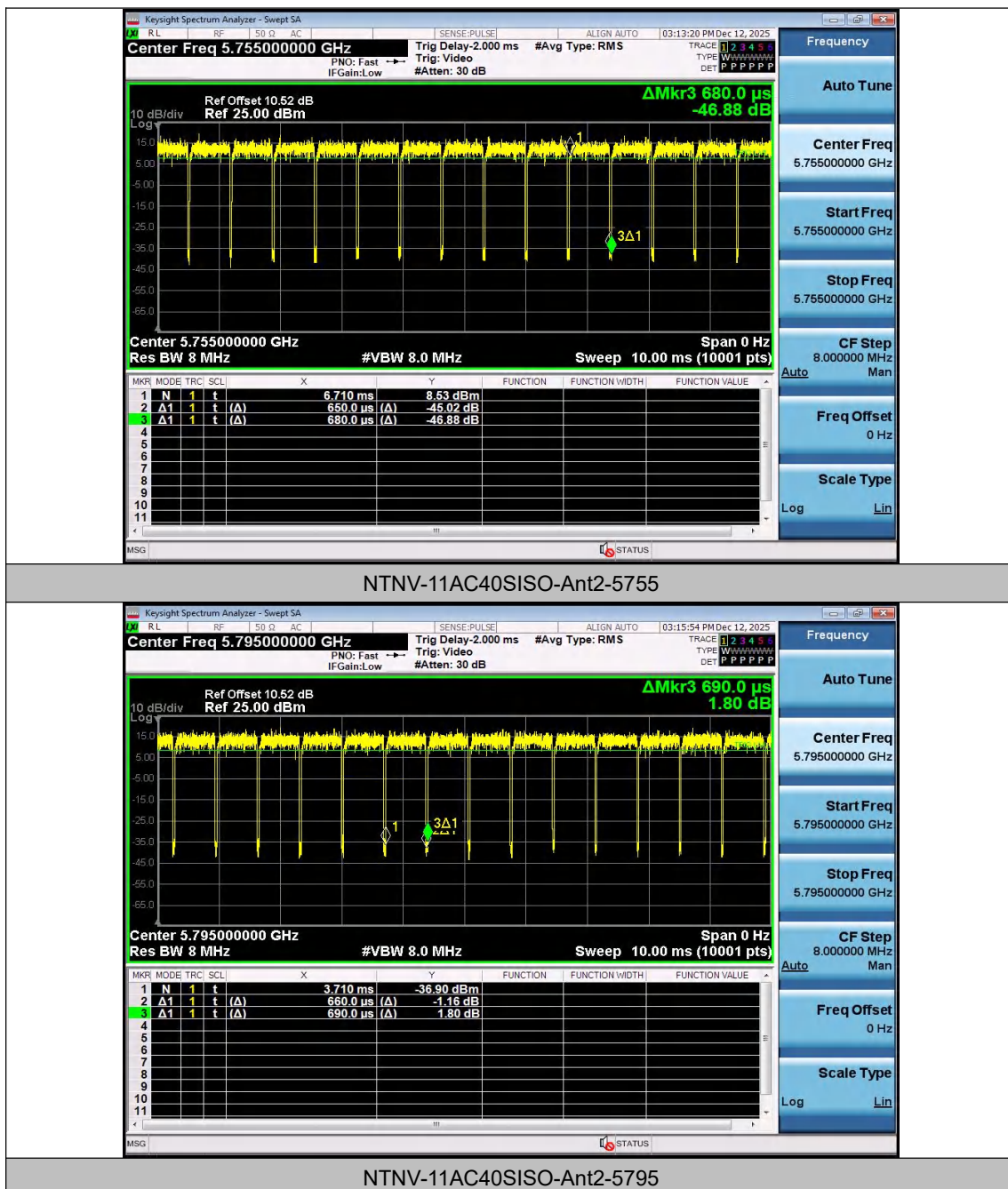




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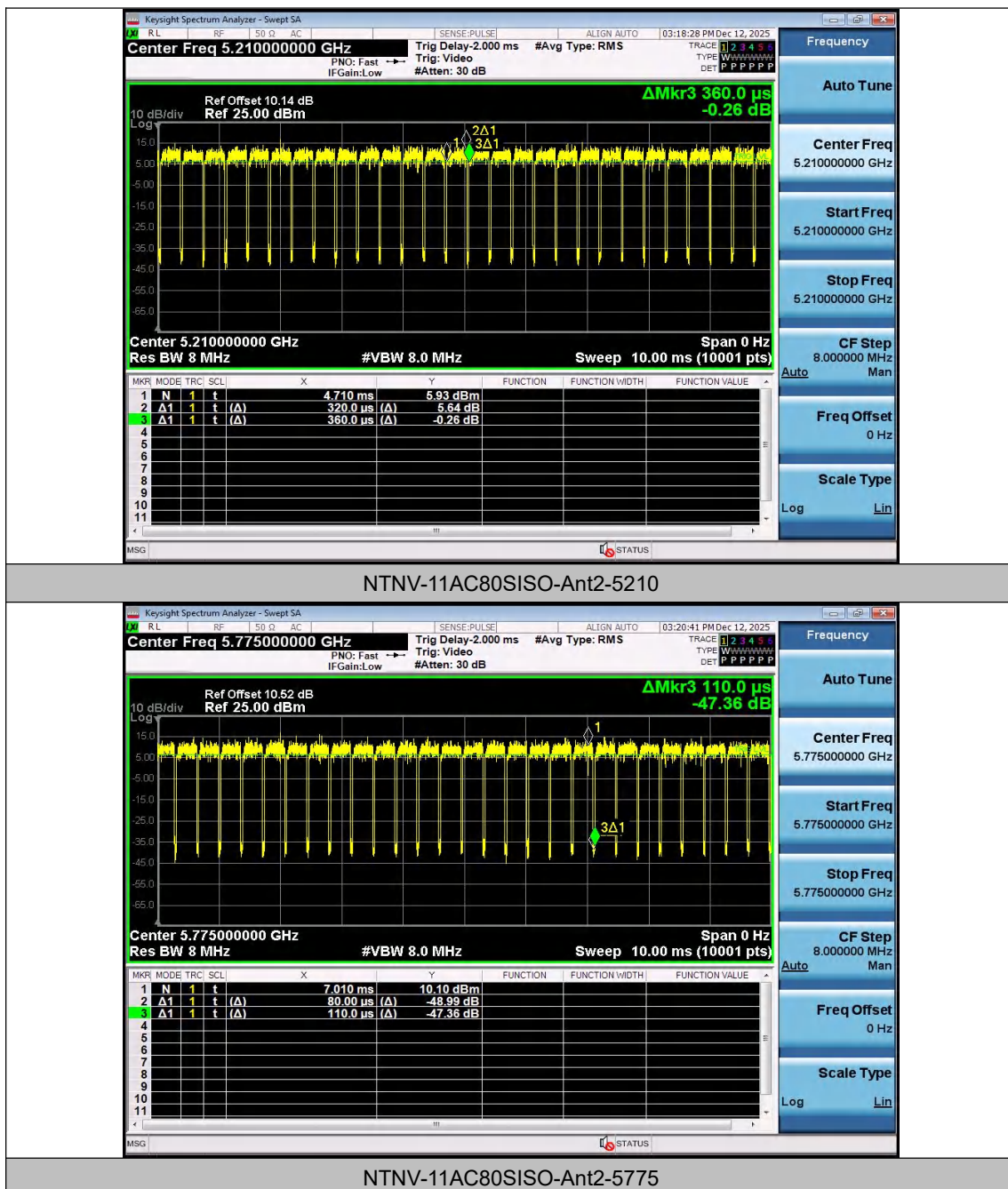




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Appendix C: Maximum conducted output power

Test Result Channel Power

Ant 1

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.19	97.20	0.12	13.31	≤23.98	PASS
11A	Ant1	5200	13.85	97.20	0.12	13.97	≤23.98	PASS
11A	Ant1	5240	13.47	97.89	0.09	13.56	≤23.98	PASS
11A	Ant1	5745	13.40	97.20	0.12	13.52	≤30.00	PASS
11A	Ant1	5785	13.68	97.90	0.09	13.77	≤30.00	PASS
11A	Ant1	5825	13.70	97.90	0.09	13.79	≤30.00	PASS
11N20SISO	Ant1	5180	13.09	97.01	0.13	13.22	≤23.98	PASS
11N20SISO	Ant1	5200	13.73	97.74	0.10	13.83	≤23.98	PASS
11N20SISO	Ant1	5240	13.37	97.01	0.13	13.50	≤23.98	PASS
11N20SISO	Ant1	5745	13.37	97.74	0.10	13.47	≤30.00	PASS
11N20SISO	Ant1	5785	13.64	97.01	0.13	13.77	≤30.00	PASS
11N20SISO	Ant1	5825	13.59	97.01	0.13	13.72	≤30.00	PASS
11N40SISO	Ant1	5190	13.71	94.20	0.26	13.97	≤23.98	PASS
11N40SISO	Ant1	5230	12.66	94.20	0.26	12.92	≤23.98	PASS
11N40SISO	Ant1	5755	13.29	95.59	0.20	13.49	≤30.00	PASS
11N40SISO	Ant1	5795	13.98	94.20	0.26	14.24	≤30.00	PASS
11AC20SISO	Ant1	5180	13.31	97.04	0.13	13.44	≤23.98	PASS
11AC20SISO	Ant1	5200	13.90	97.76	0.10	14.00	≤23.98	PASS
11AC20SISO	Ant1	5240	13.36	97.76	0.10	13.46	≤23.98	PASS
11AC20SISO	Ant1	5745	13.50	97.76	0.10	13.60	≤30.00	PASS
11AC20SISO	Ant1	5785	13.98	97.78	0.10	14.08	≤30.00	PASS
11AC20SISO	Ant1	5825	13.47	97.76	0.10	13.57	≤30.00	PASS
11AC40SISO	Ant1	5190	13.59	95.59	0.20	13.79	≤23.98	PASS
11AC40SISO	Ant1	5230	13.71	94.20	0.26	13.97	≤23.98	PASS
11AC40SISO	Ant1	5755	13.34	94.20	0.26	13.60	≤30.00	PASS
11AC40SISO	Ant1	5795	13.97	95.65	0.19	14.16	≤30.00	PASS
11AC80SISO	Ant1	5210	12.83	91.43	0.39	13.22	≤23.98	PASS
11AC80SISO	Ant1	5775	12.74	88.89	0.51	13.25	≤30.00	PASS



Ant 2

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	14.33	97.20	0.12	14.45	≤23.98	PASS
11A	Ant2	5200	13.35	97.20	0.12	13.47	≤23.98	PASS
11A	Ant2	5240	13.44	97.20	0.12	13.56	≤23.98	PASS
11A	Ant2	5745	13.73	97.89	0.09	13.82	≤30.00	PASS
11A	Ant2	5785	13.75	97.20	0.12	13.87	≤30.00	PASS
11A	Ant2	5825	14.02	97.20	0.12	14.14	≤30.00	PASS
11N20SISO	Ant2	5180	13.36	97.74	0.10	13.46	≤23.98	PASS
11N20SISO	Ant2	5200	13.42	97.01	0.13	13.55	≤23.98	PASS
11N20SISO	Ant2	5240	12.76	97.01	0.13	12.89	≤23.98	PASS
11N20SISO	Ant2	5745	14.60	96.99	0.13	14.73	≤30.00	PASS
11N20SISO	Ant2	5785	13.61	97.01	0.13	13.74	≤30.00	PASS
11N20SISO	Ant2	5825	13.95	97.74	0.10	14.05	≤30.00	PASS
11N40SISO	Ant2	5190	13.48	94.20	0.26	13.74	≤23.98	PASS
11N40SISO	Ant2	5230	13.07	94.12	0.26	13.33	≤23.98	PASS
11N40SISO	Ant2	5755	13.20	95.59	0.20	13.40	≤30.00	PASS
11N40SISO	Ant2	5795	13.69	95.59	0.20	13.89	≤30.00	PASS
11AC20SISO	Ant2	5180	13.34	97.04	0.13	13.47	≤23.98	PASS
11AC20SISO	Ant2	5200	13.42	97.04	0.13	13.55	≤23.98	PASS
11AC20SISO	Ant2	5240	12.67	97.78	0.10	12.77	≤23.98	PASS
11AC20SISO	Ant2	5745	13.62	97.04	0.13	13.75	≤30.00	PASS
11AC20SISO	Ant2	5785	13.65	97.04	0.13	13.78	≤30.00	PASS
11AC20SISO	Ant2	5825	14.01	97.04	0.13	14.14	≤30.00	PASS
11AC40SISO	Ant2	5190	13.54	95.65	0.19	13.73	≤23.98	PASS
11AC40SISO	Ant2	5230	13.15	95.65	0.19	13.34	≤23.98	PASS
11AC40SISO	Ant2	5755	13.25	95.59	0.20	13.45	≤30.00	PASS
11AC40SISO	Ant2	5795	13.78	95.65	0.19	13.97	≤30.00	PASS
11AC80SISO	Ant2	5210	12.90	88.89	0.51	13.41	≤23.98	PASS
11AC80SISO	Ant2	5775	12.90	72.73	1.38	14.28	≤30.00	PASS



MIMO

Test Mode	Frequency [MHz]	Ant 1 Result [dBm]	Ant 2 Result [dBm]	MIMO Result [dBm]	Limit [dBm]	Verdict
11N20SISO	5180	13.22	13.46	16.35	≤23.87	PASS
11N20SISO	5200	13.83	13.55	16.70	≤23.87	PASS
11N20SISO	5240	13.50	12.89	16.22	≤23.87	PASS
11N20SISO	5745	13.47	14.73	17.16	≤29.89	PASS
11N20SISO	5785	13.77	13.74	16.77	≤29.89	PASS
11N20SISO	5825	13.72	14.05	16.90	≤29.89	PASS
11N40SISO	5190	13.97	13.74	16.87	≤23.87	PASS
11N40SISO	5230	12.92	13.33	16.14	≤23.87	PASS
11N40SISO	5755	13.49	13.40	16.46	≤29.89	PASS
11N40SISO	5795	14.24	13.89	17.08	≤29.89	PASS
11AC20SISO	5180	13.44	13.47	16.47	≤23.87	PASS
11AC20SISO	5200	14.00	13.55	16.79	≤23.87	PASS
11AC20SISO	5240	13.46	12.77	16.14	≤23.87	PASS
11AC20SISO	5745	13.60	13.75	16.69	≤29.89	PASS
11AC20SISO	5785	14.08	13.78	16.94	≤29.89	PASS
11AC20SISO	5825	13.57	14.14	16.87	≤29.89	PASS
11AC40SISO	5190	13.79	13.73	16.77	≤23.87	PASS
11AC40SISO	5230	13.97	13.34	16.68	≤23.87	PASS
11AC40SISO	5755	13.60	13.45	16.54	≤29.89	PASS
11AC40SISO	5795	14.16	13.97	17.08	≤29.89	PASS
11AC80SISO	5210	13.22	13.41	16.33	≤23.87	PASS
11AC80SISO	5775	13.25	14.28	16.81	≤29.89	PASS

Remark: Directional gain=6.11dBi.



Appendix D: Maximum power spectral density

Test Result

Ant 1

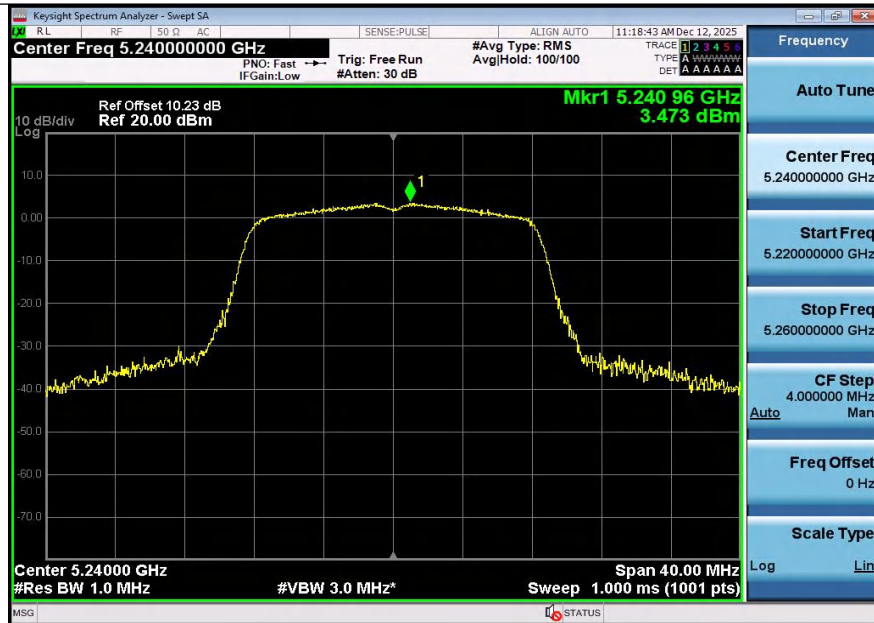
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.15	≤ 11.00	PASS
11A	Ant1	5200	4.00	≤ 11.00	PASS
11A	Ant1	5240	3.47	≤ 11.00	PASS
11A	Ant1	5745	0.77	≤ 30.00	PASS
11A	Ant1	5785	1.09	≤ 30.00	PASS
11A	Ant1	5825	1.21	≤ 30.00	PASS
11N20SISO	Ant1	5180	2.69	≤ 11.00	PASS
11N20SISO	Ant1	5200	3.77	≤ 11.00	PASS
11N20SISO	Ant1	5240	3.47	≤ 11.00	PASS
11N20SISO	Ant1	5745	0.23	≤ 30.00	PASS
11N20SISO	Ant1	5785	0.75	≤ 30.00	PASS
11N20SISO	Ant1	5825	0.85	≤ 30.00	PASS
11N40SISO	Ant1	5190	0.93	≤ 11.00	PASS
11N40SISO	Ant1	5230	-0.12	≤ 11.00	PASS
11N40SISO	Ant1	5755	-2.59	≤ 30.00	PASS
11N40SISO	Ant1	5795	-1.78	≤ 30.00	PASS
11AC20SISO	Ant1	5180	3.00	≤ 11.00	PASS
11AC20SISO	Ant1	5200	3.75	≤ 11.00	PASS
11AC20SISO	Ant1	5240	3.22	≤ 11.00	PASS
11AC20SISO	Ant1	5745	0.34	≤ 30.00	PASS
11AC20SISO	Ant1	5785	1.14	≤ 30.00	PASS
11AC20SISO	Ant1	5825	0.34	≤ 30.00	PASS
11AC40SISO	Ant1	5190	0.73	≤ 11.00	PASS
11AC40SISO	Ant1	5230	0.87	≤ 11.00	PASS
11AC40SISO	Ant1	5755	-2.47	≤ 30.00	PASS
11AC40SISO	Ant1	5795	-1.77	≤ 30.00	PASS
11AC80SISO	Ant1	5210	-2.72	≤ 11.00	PASS
11AC80SISO	Ant1	5775	-5.83	≤ 30.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

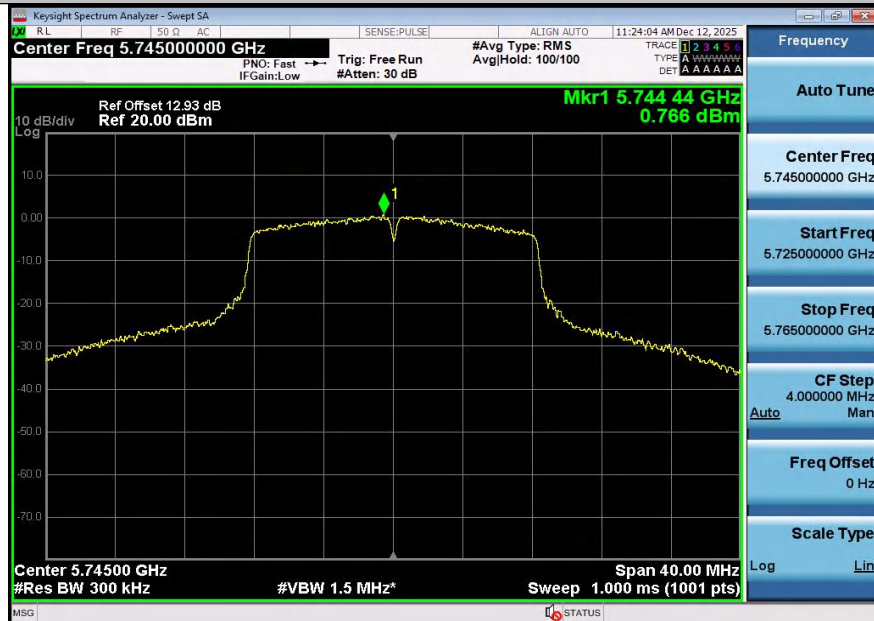


Test Graphs

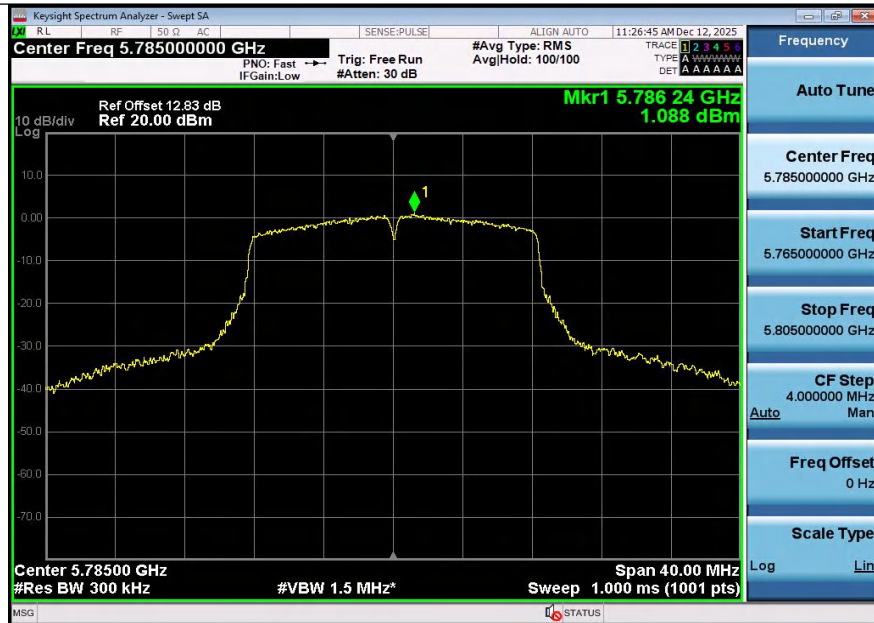




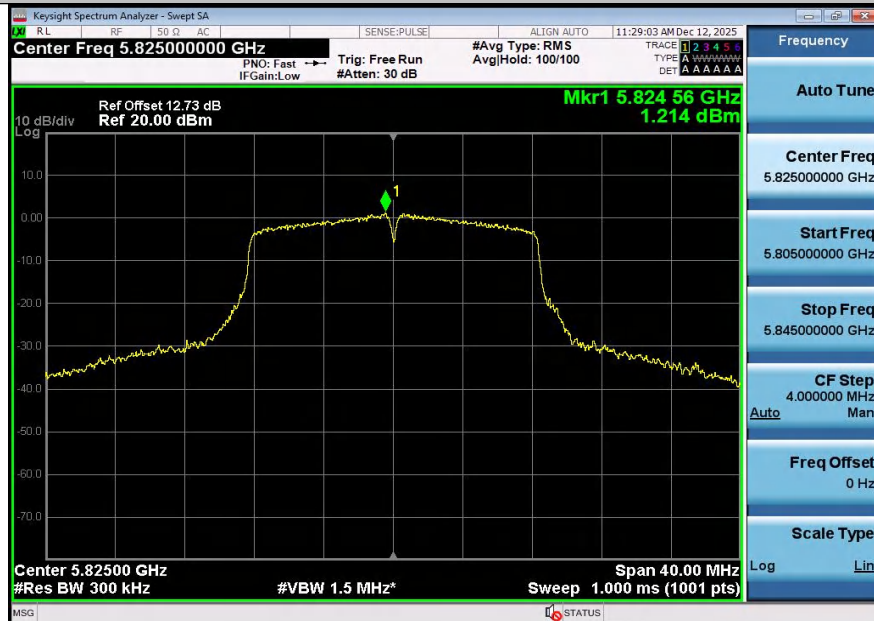
11A-Ant1-5240-PASS



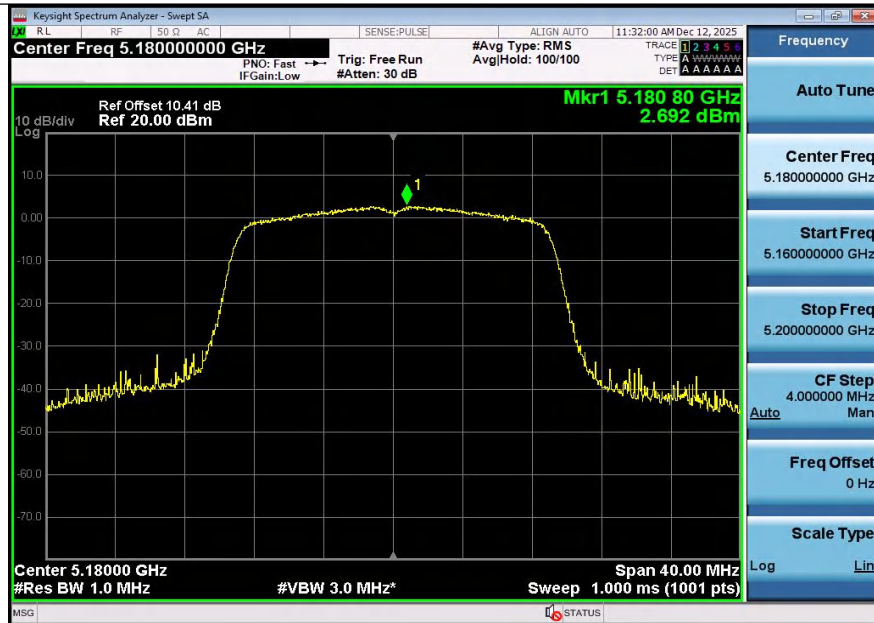
11A-Ant1-5745-PASS



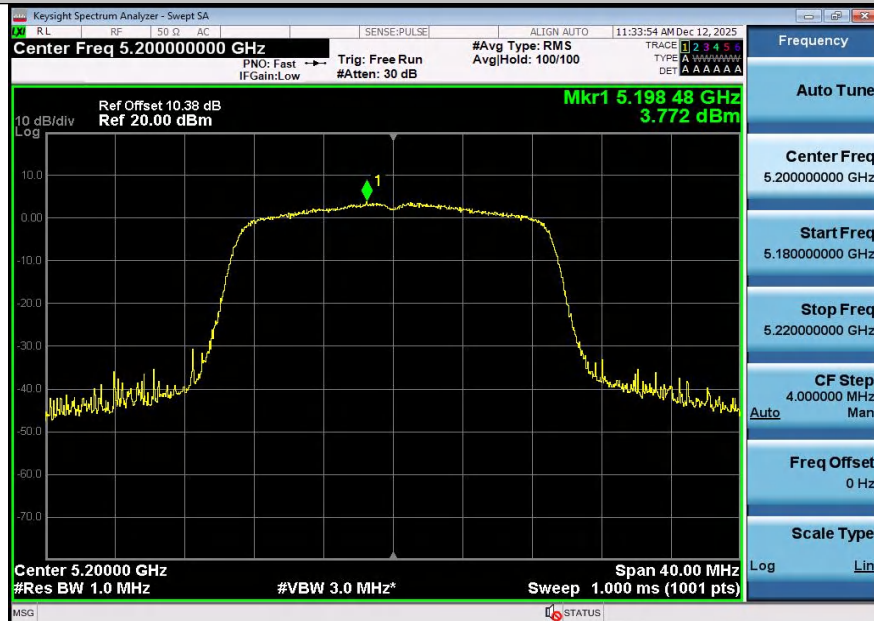
11A-Ant1-5785-PASS



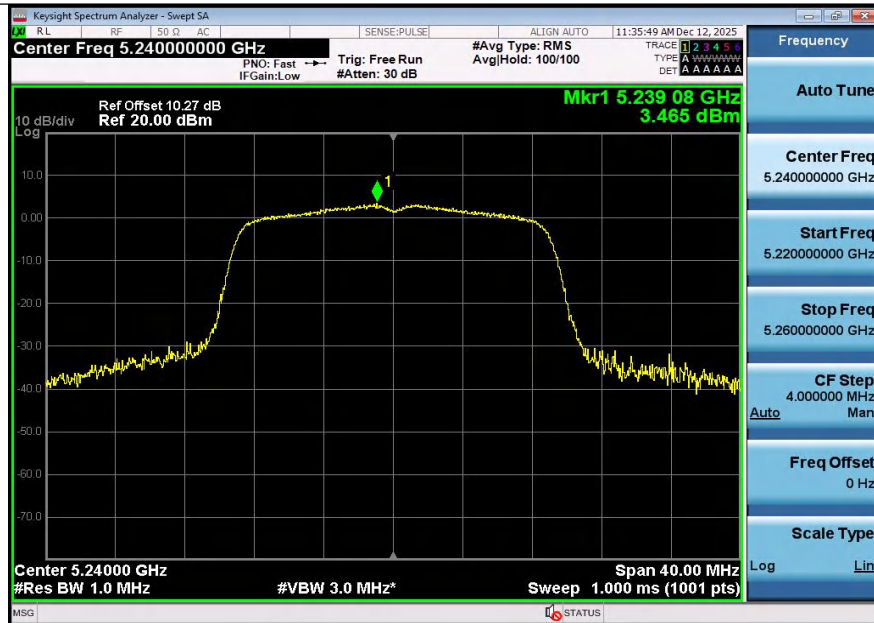
11A-Ant1-5825-PASS



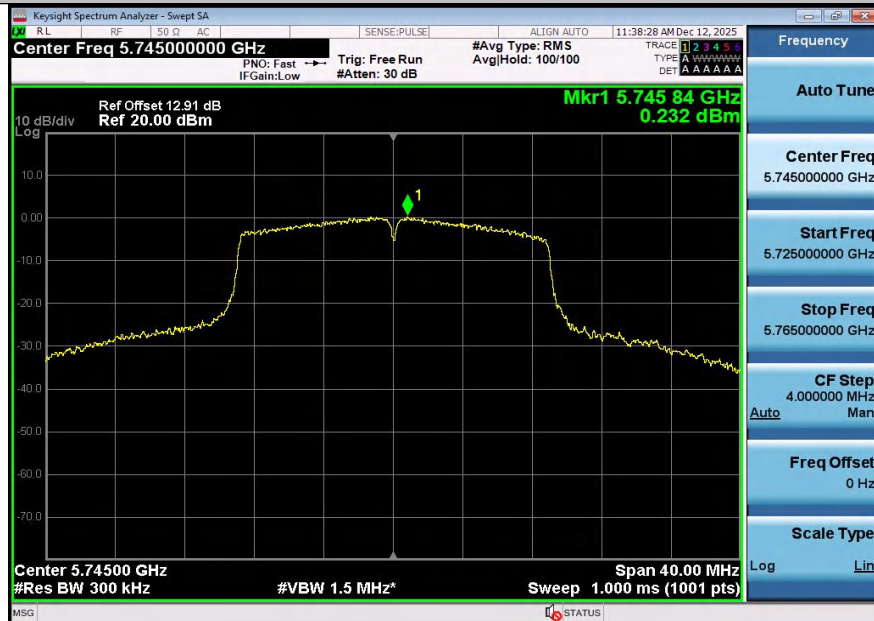
11N20SISO-Ant1-5180-PASS



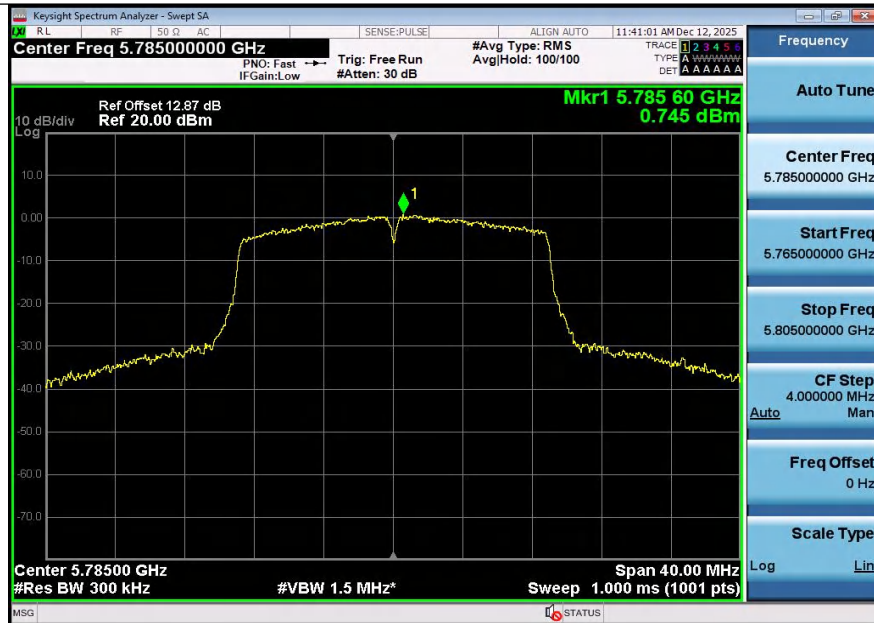
11N20SISO-Ant1-5200-PASS



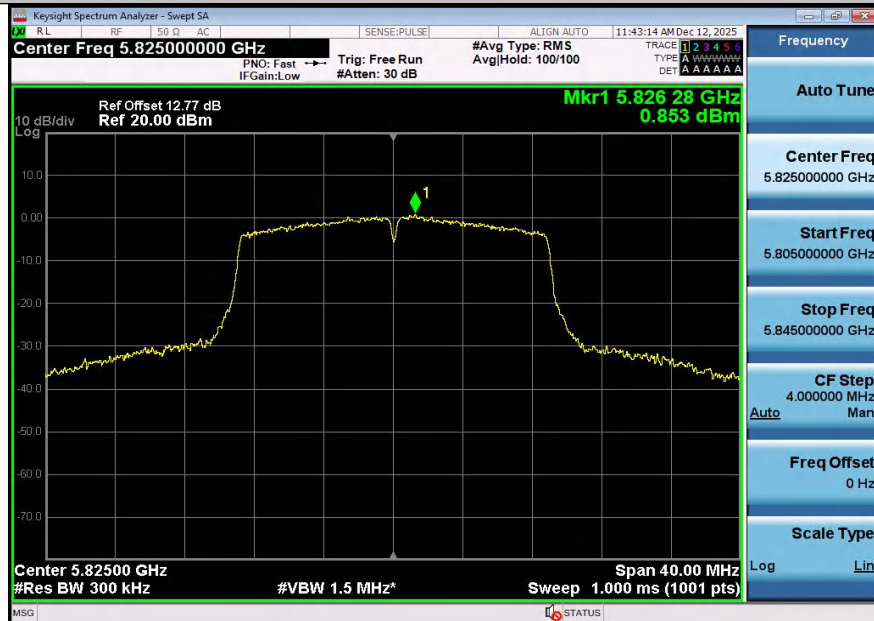
11N20SISO-Ant1-5240-PASS



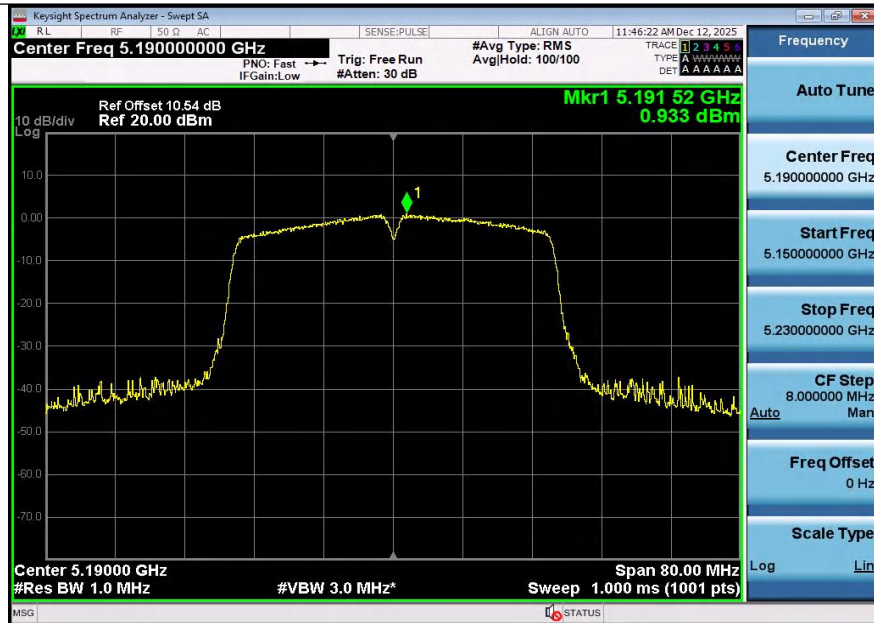
11N20SISO-Ant1-5745-PASS



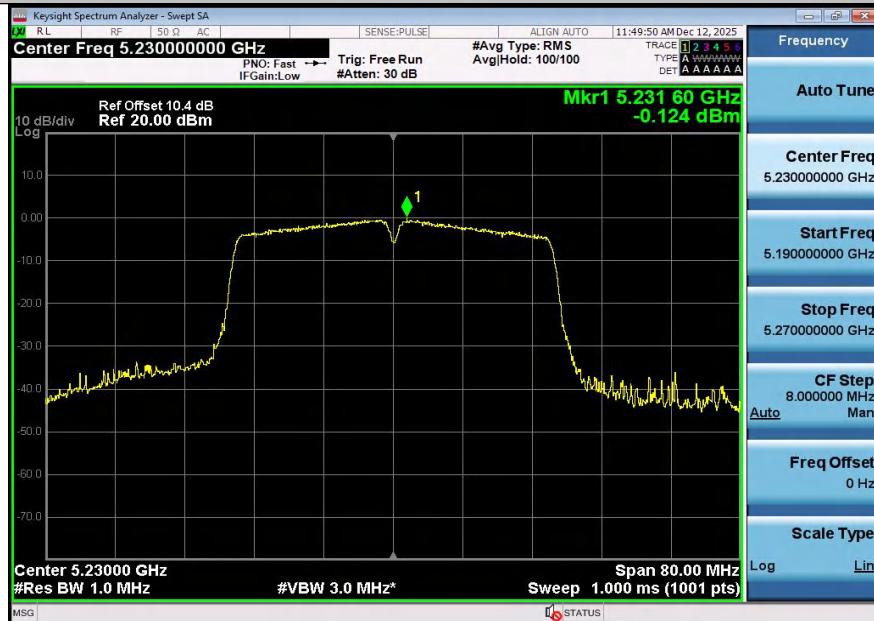
11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



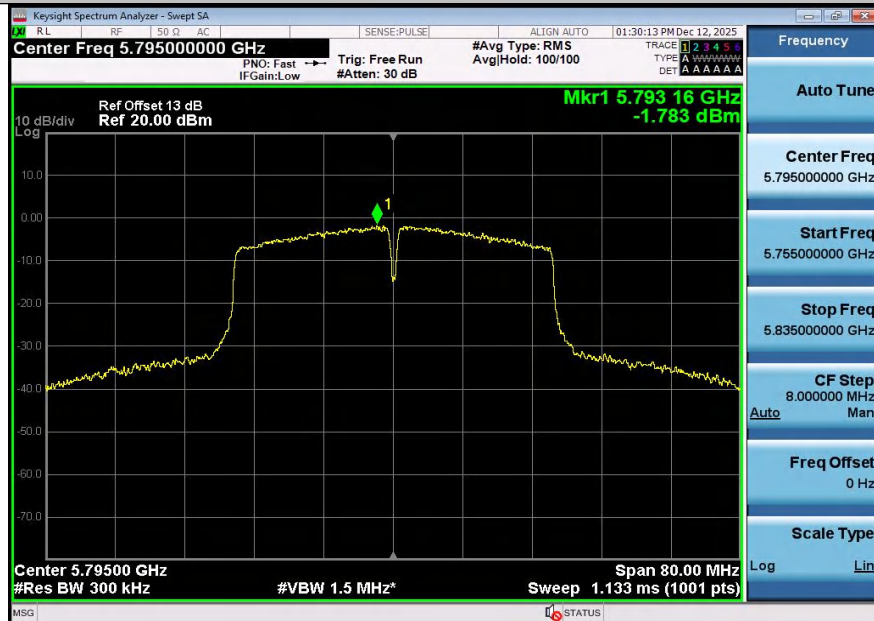
11N40SISO-Ant1-5190-PASS



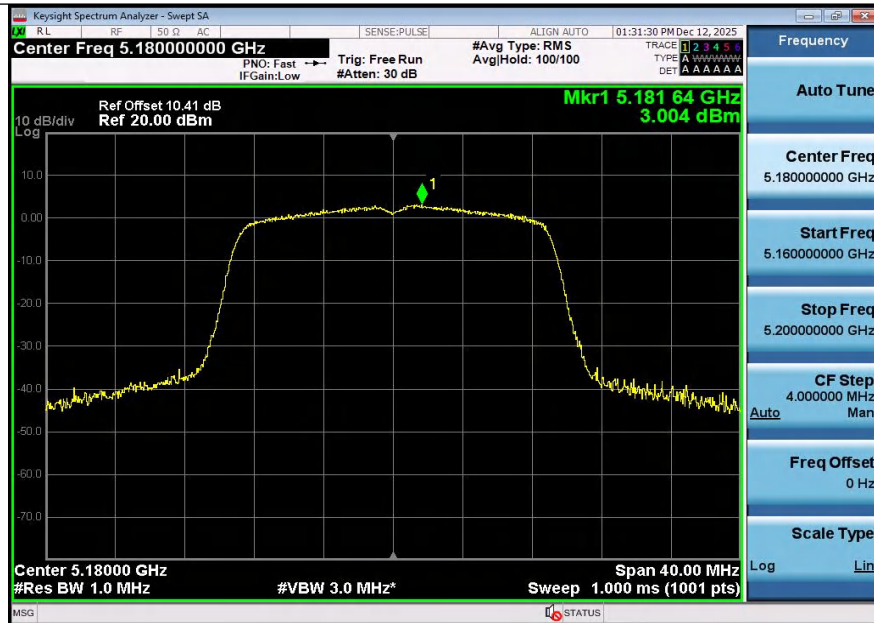
11N40SISO-Ant1-5230-PASS



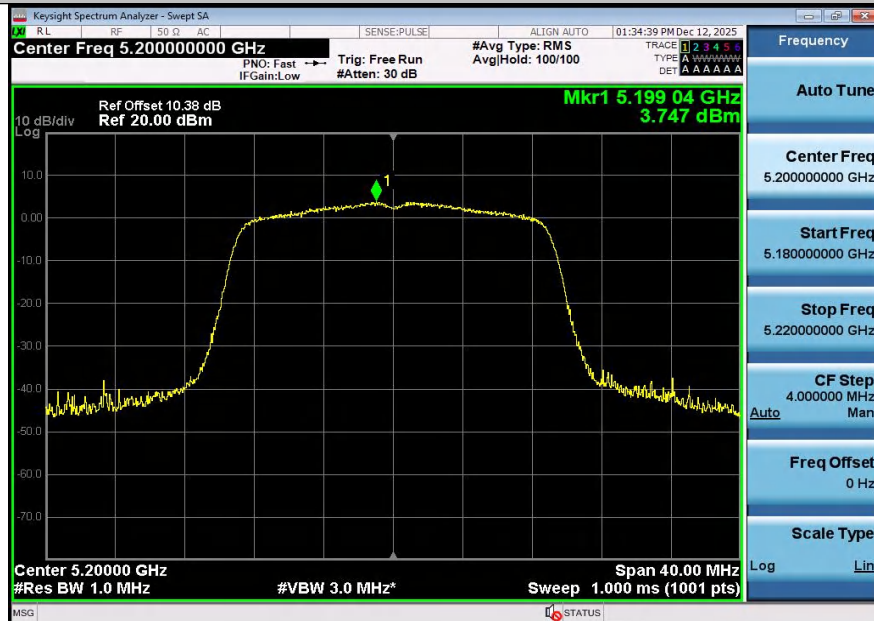
11N40SISO-Ant1-5755-PASS



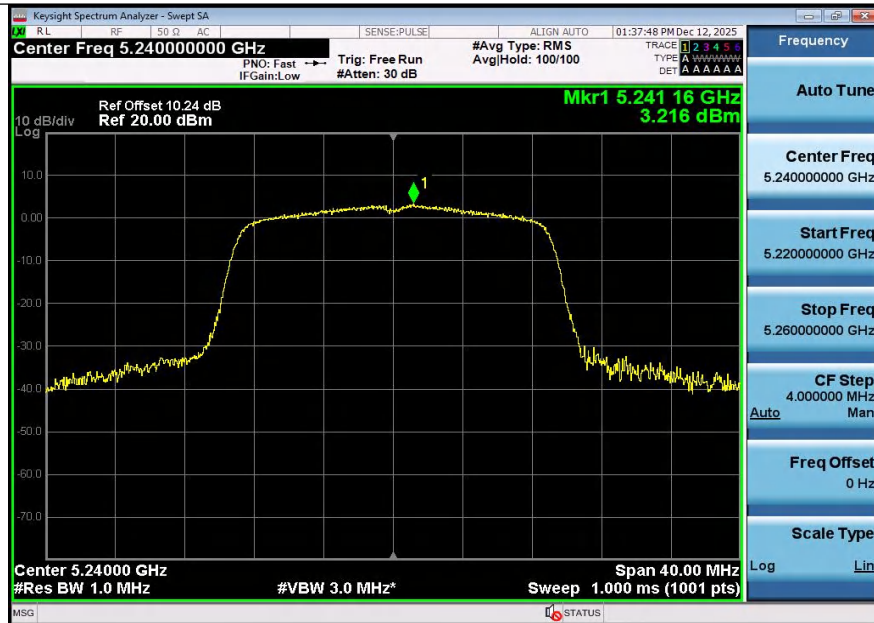
11N40SISO-Ant1-5795-PASS



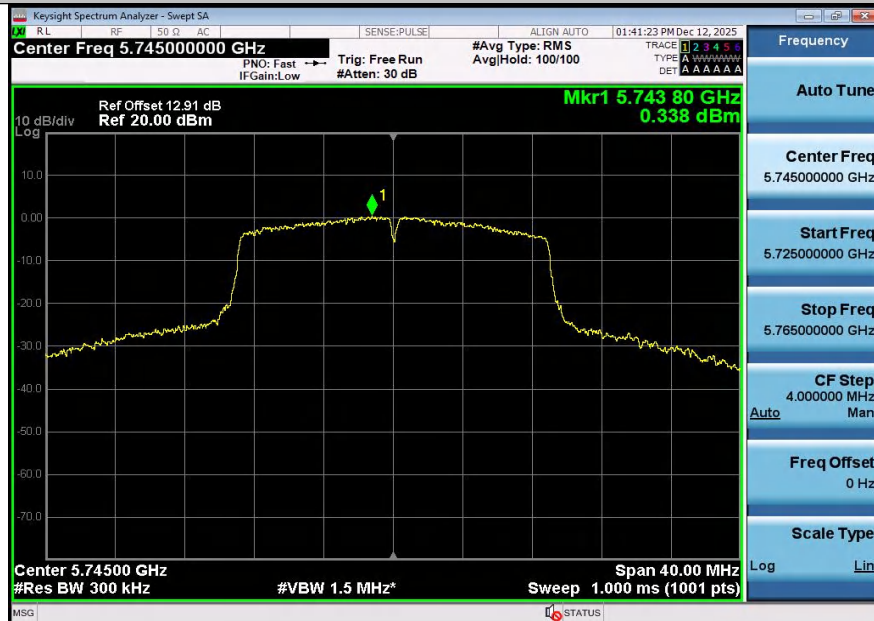
11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS



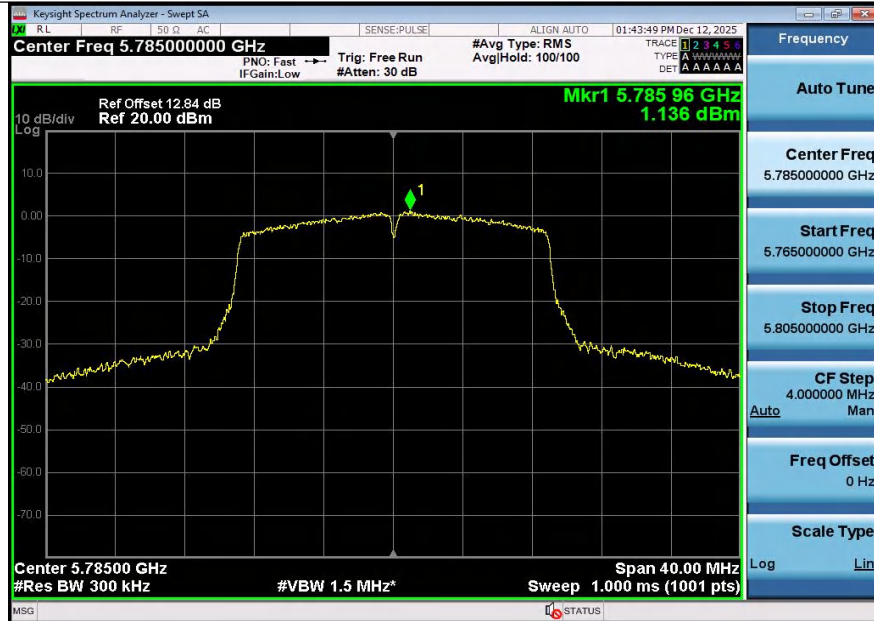
11AC20SISO-Ant1-5745-PASS



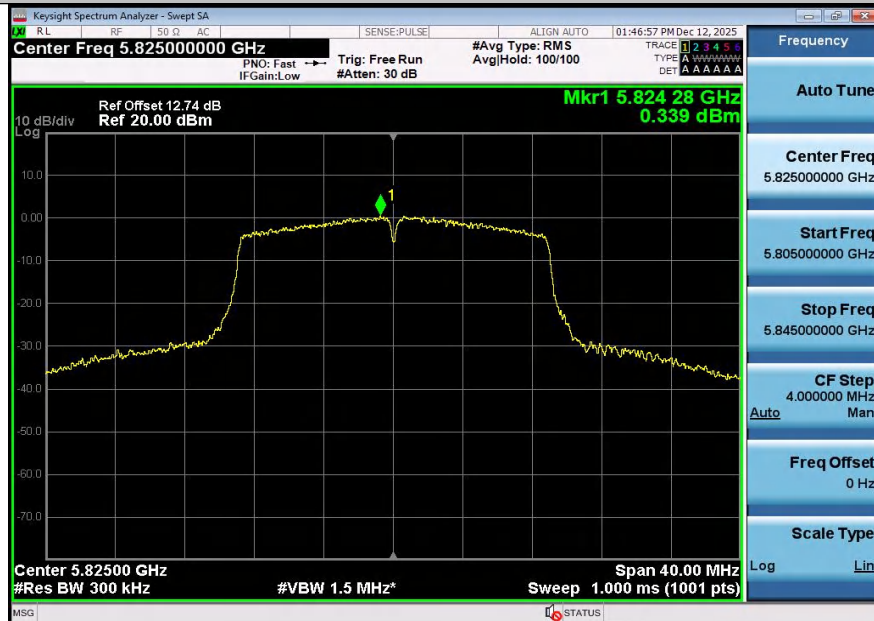
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11AC20SISO-Ant1-5785-PASS



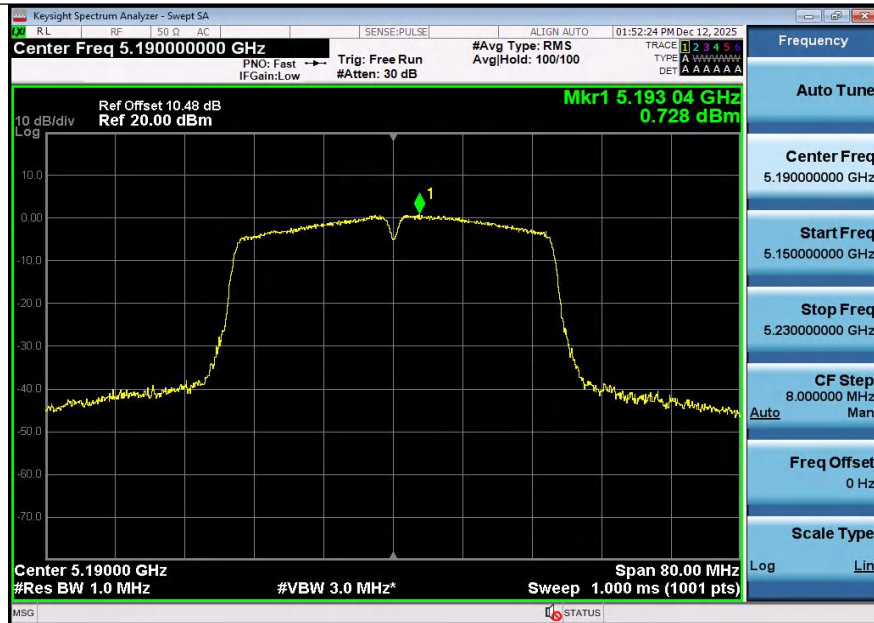
11AC20SISO-Ant1-5825-PASS



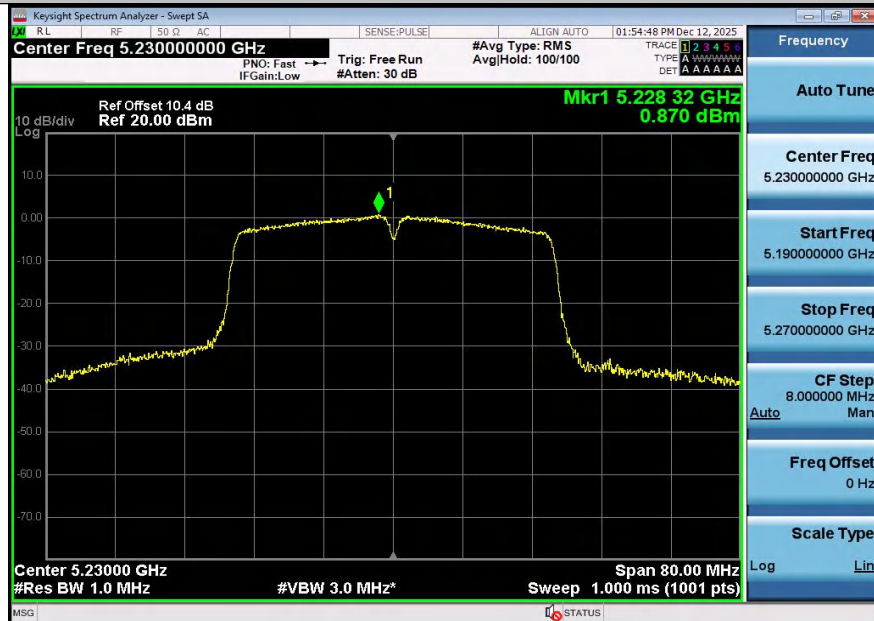
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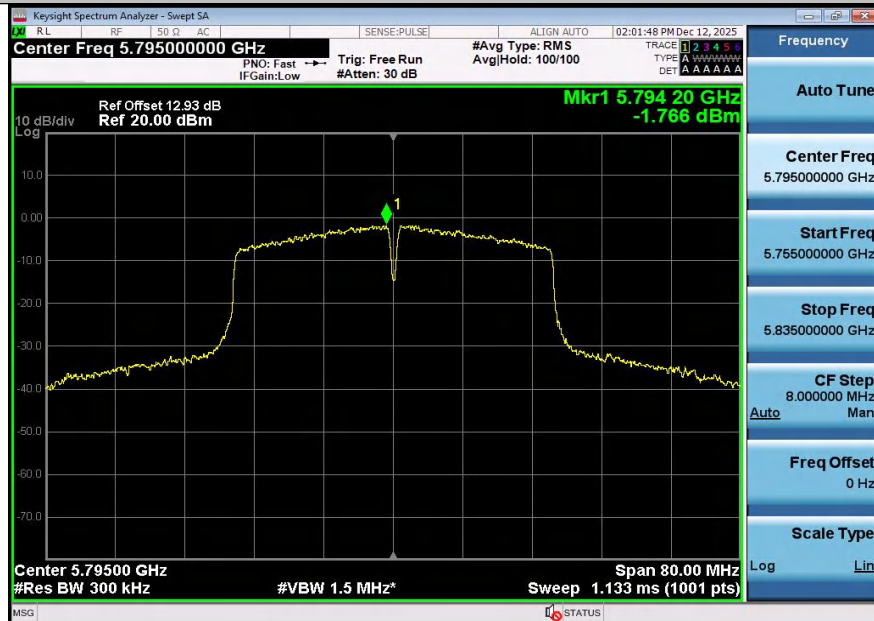
11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5755-PASS



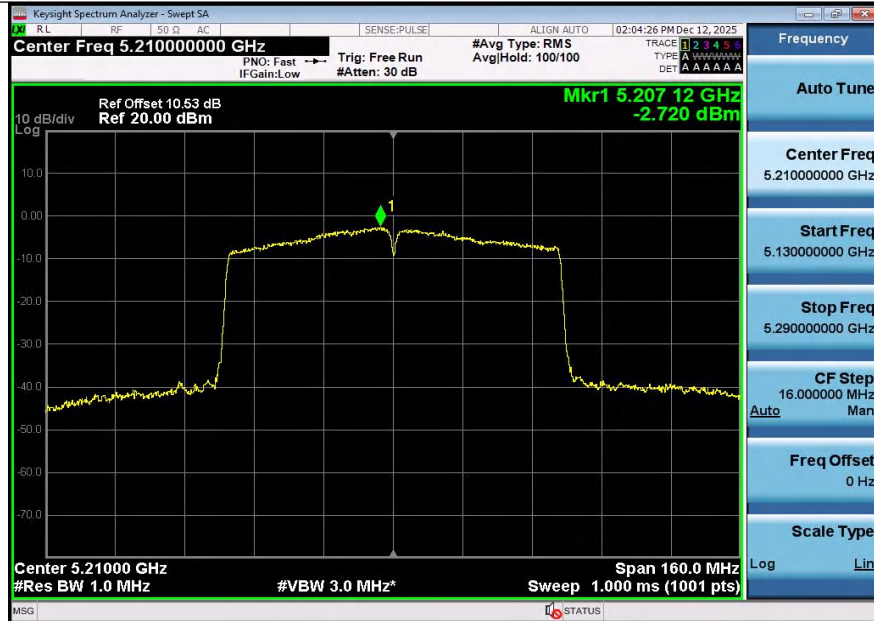
11AC40SISO-Ant1-5795-PASS



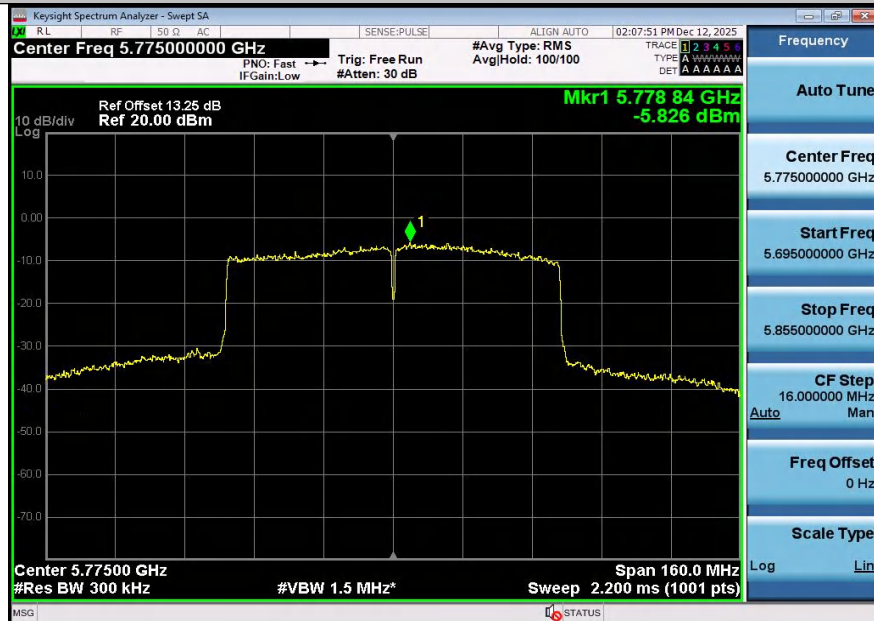
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11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5775-PASS



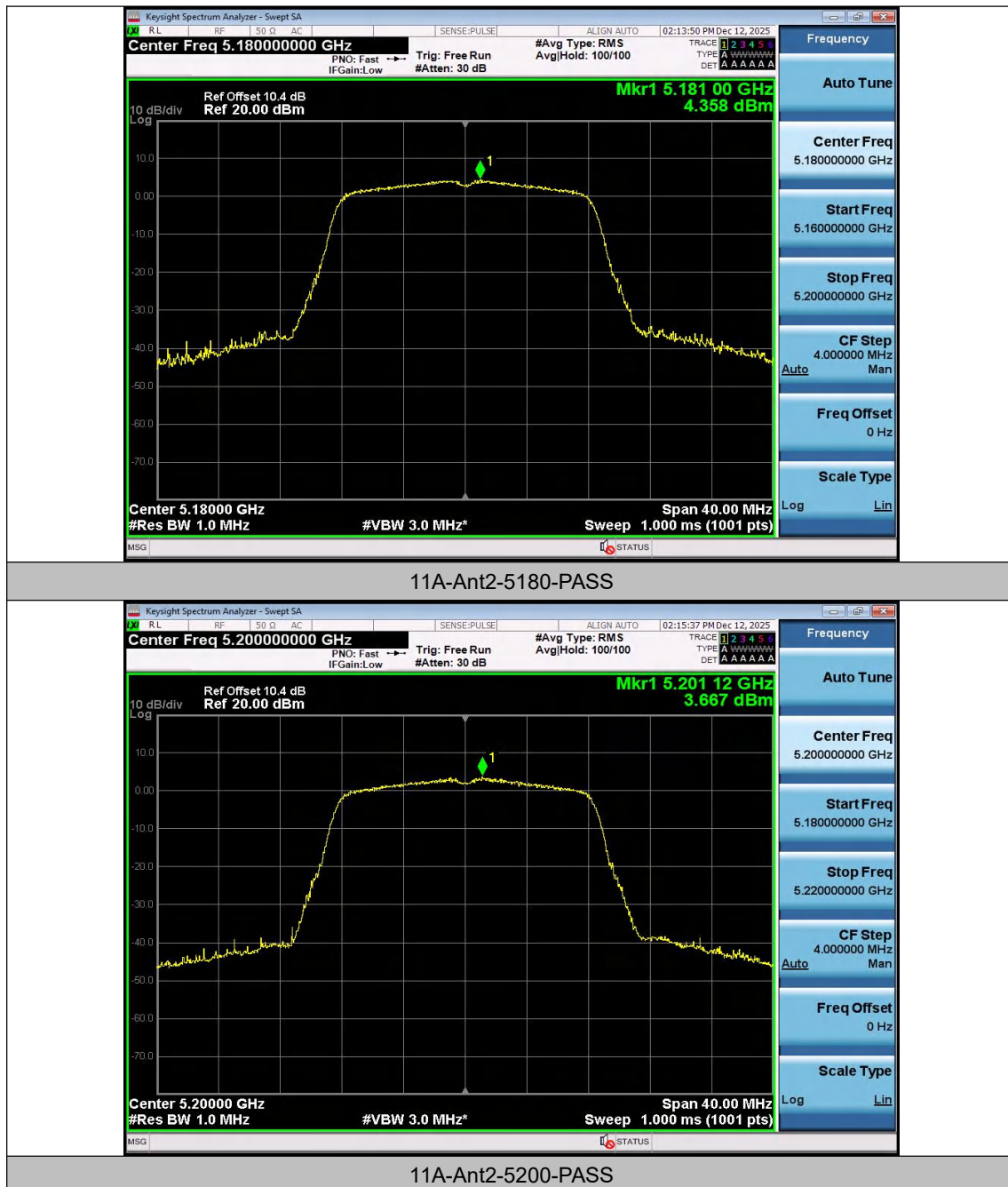
Ant 2

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	4.36	≤11.00	PASS
11A	Ant2	5200	3.67	≤11.00	PASS
11A	Ant2	5240	3.59	≤11.00	PASS
11A	Ant2	5745	0.79	≤30.00	PASS
11A	Ant2	5785	0.94	≤30.00	PASS
11A	Ant2	5825	1.34	≤30.00	PASS
11N20SISO	Ant2	5180	3.03	≤11.00	PASS
11N20SISO	Ant2	5200	3.23	≤11.00	PASS
11N20SISO	Ant2	5240	2.71	≤11.00	PASS
11N20SISO	Ant2	5745	1.59	≤30.00	PASS
11N20SISO	Ant2	5785	0.72	≤30.00	PASS
11N20SISO	Ant2	5825	0.94	≤30.00	PASS
11N40SISO	Ant2	5190	0.70	≤11.00	PASS
11N40SISO	Ant2	5230	0.30	≤11.00	PASS
11N40SISO	Ant2	5755	-2.44	≤30.00	PASS
11N40SISO	Ant2	5795	-1.83	≤30.00	PASS
11AC20SISO	Ant2	5180	3.04	≤11.00	PASS
11AC20SISO	Ant2	5200	2.99	≤11.00	PASS
11AC20SISO	Ant2	5240	2.57	≤11.00	PASS
11AC20SISO	Ant2	5745	0.50	≤30.00	PASS
11AC20SISO	Ant2	5785	1.23	≤30.00	PASS
11AC20SISO	Ant2	5825	1.34	≤30.00	PASS
11AC40SISO	Ant2	5190	0.50	≤11.00	PASS
11AC40SISO	Ant2	5230	0.32	≤11.00	PASS
11AC40SISO	Ant2	5755	-3.01	≤30.00	PASS
11AC40SISO	Ant2	5795	-1.85	≤30.00	PASS
11AC80SISO	Ant2	5210	-2.96	≤11.00	PASS
11AC80SISO	Ant2	5775	-4.83	≤30.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

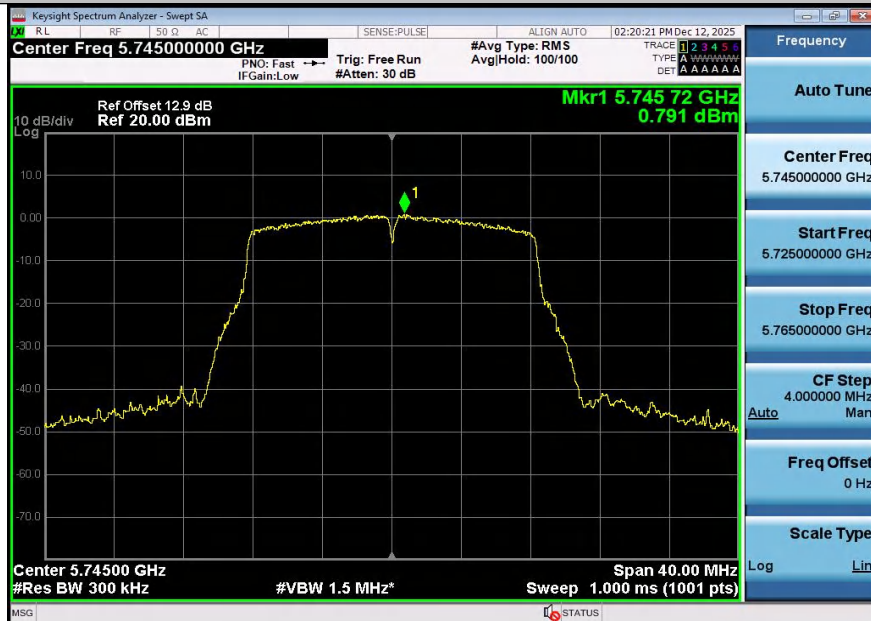


Test Graphs





11A-Ant2-5240-PASS



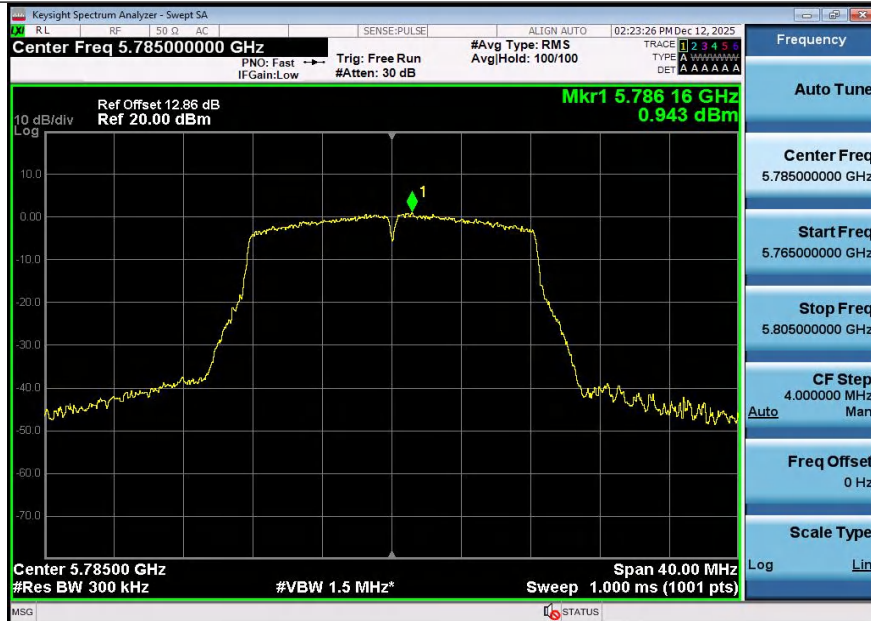
11A-Ant2-5745-PASS



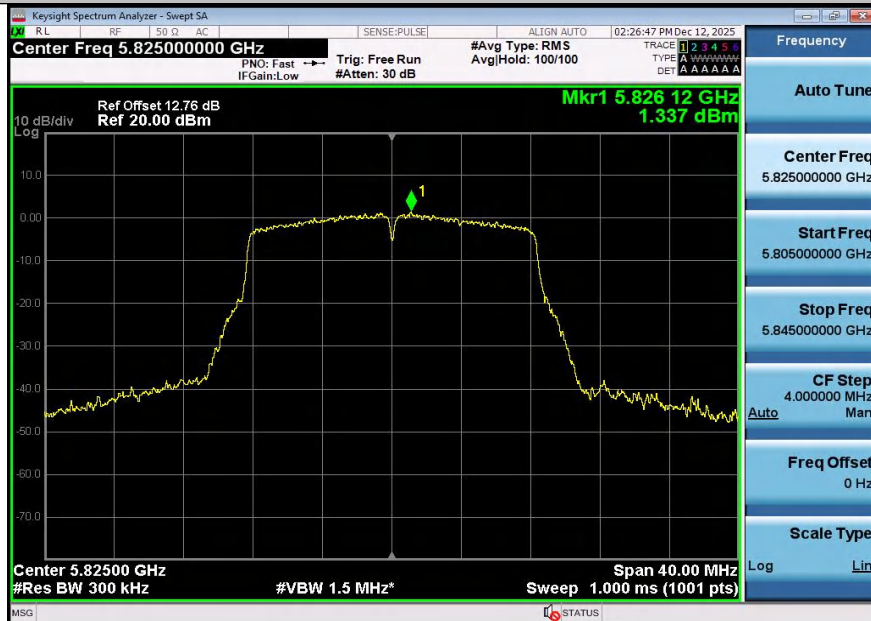
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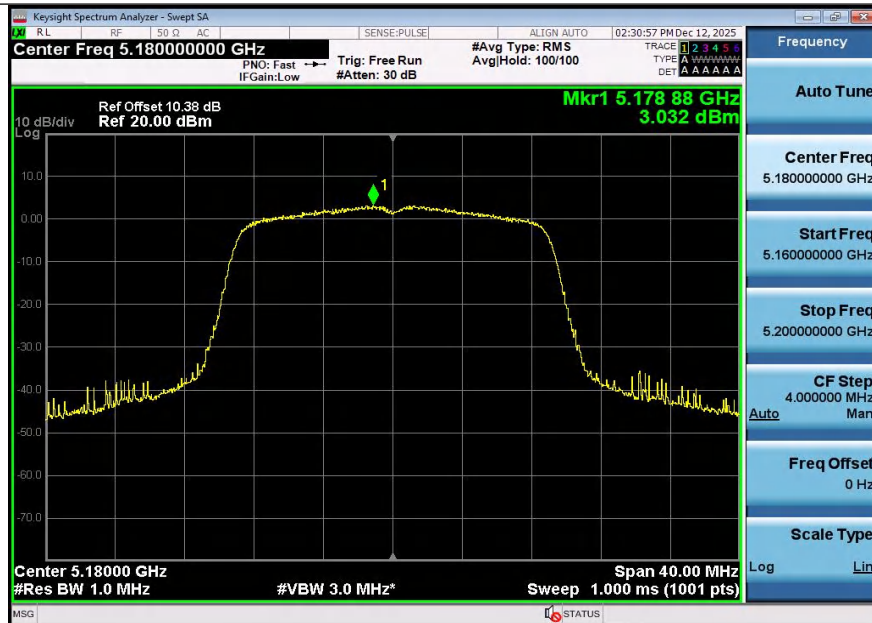
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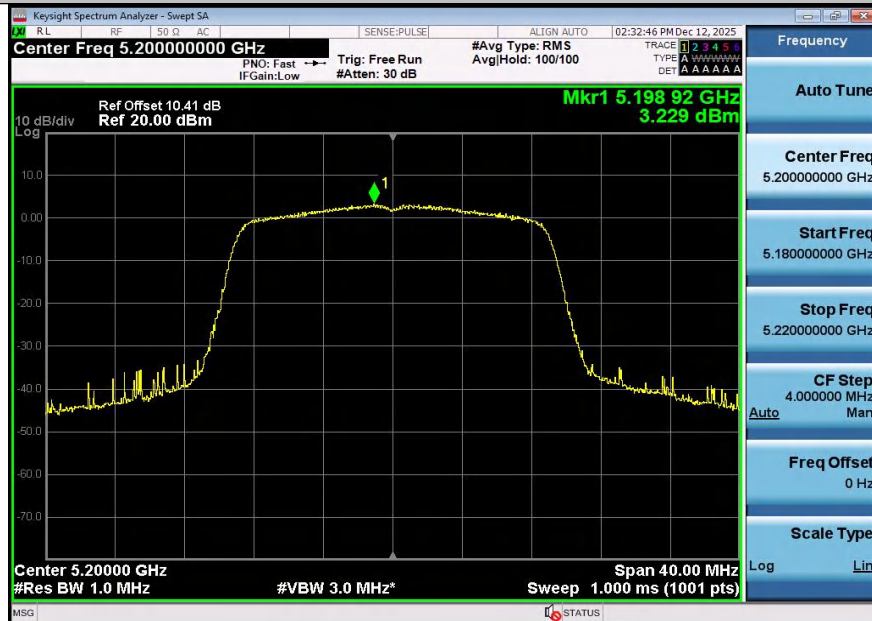
11A-Ant2-5785-PASS



11A-Ant2-5825-PASS



11N20SISO-Ant2-5180-PASS



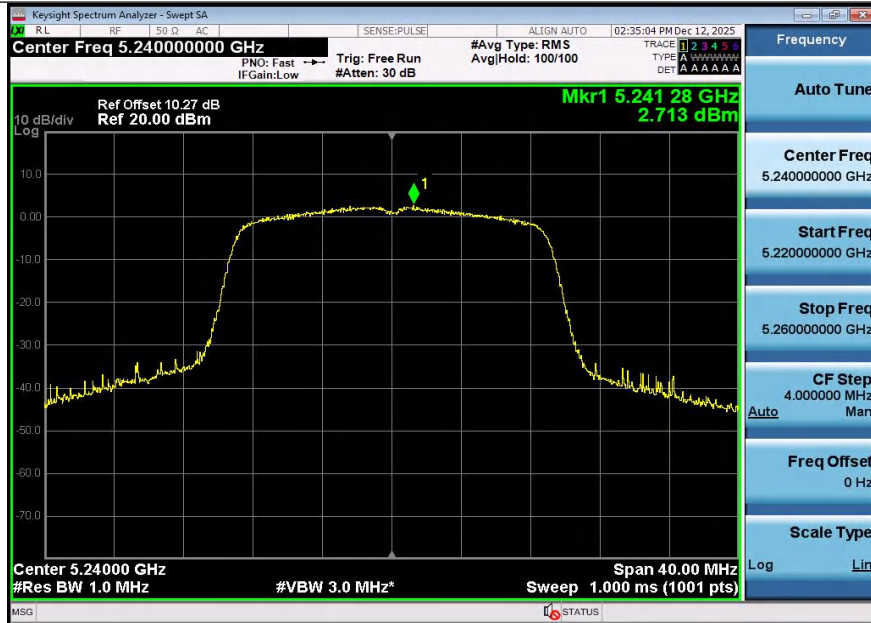
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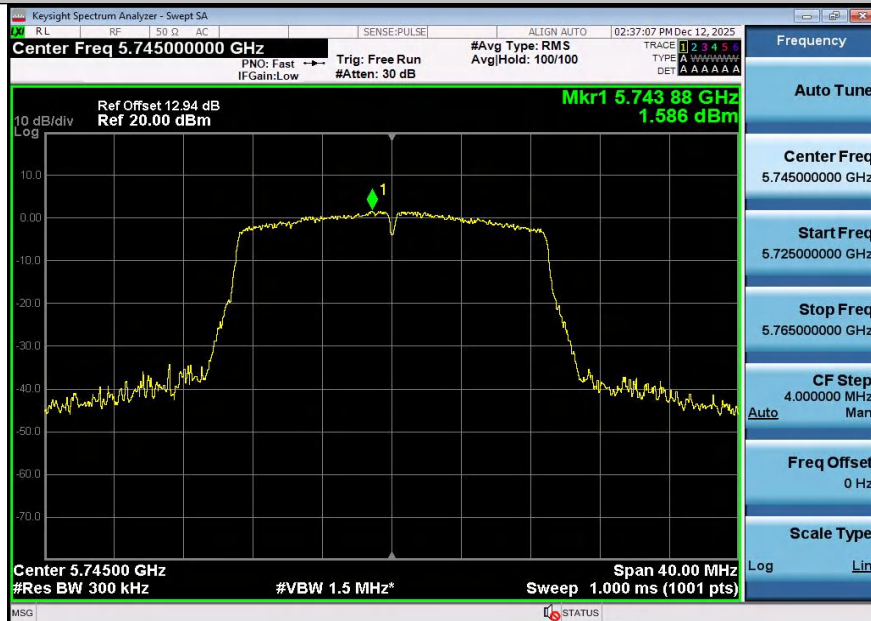
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:2BUDX-QD-E811301

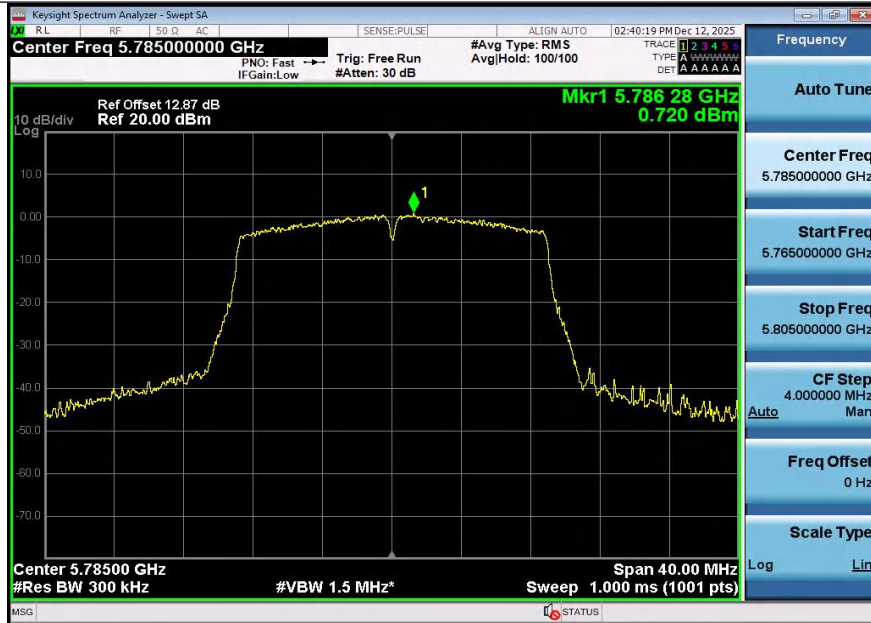
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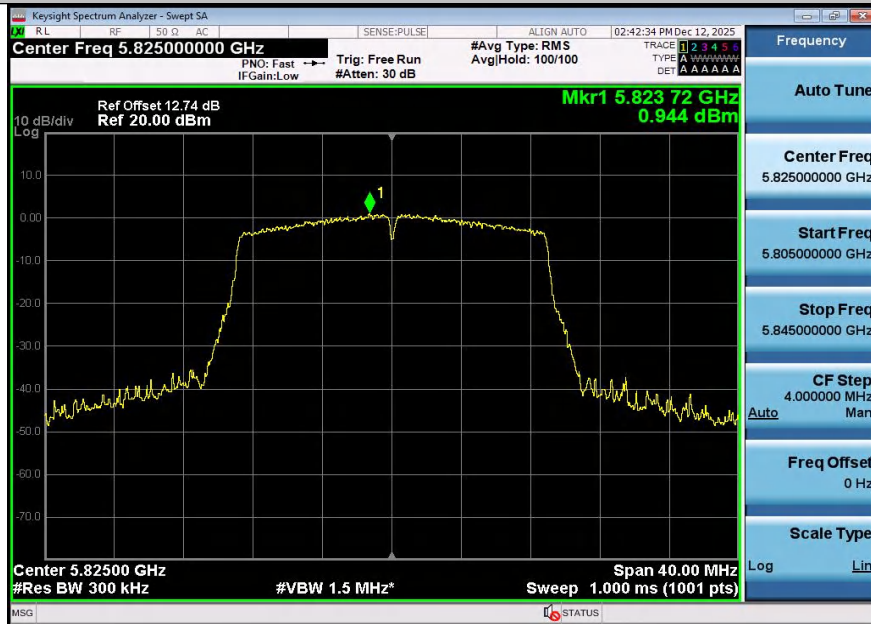
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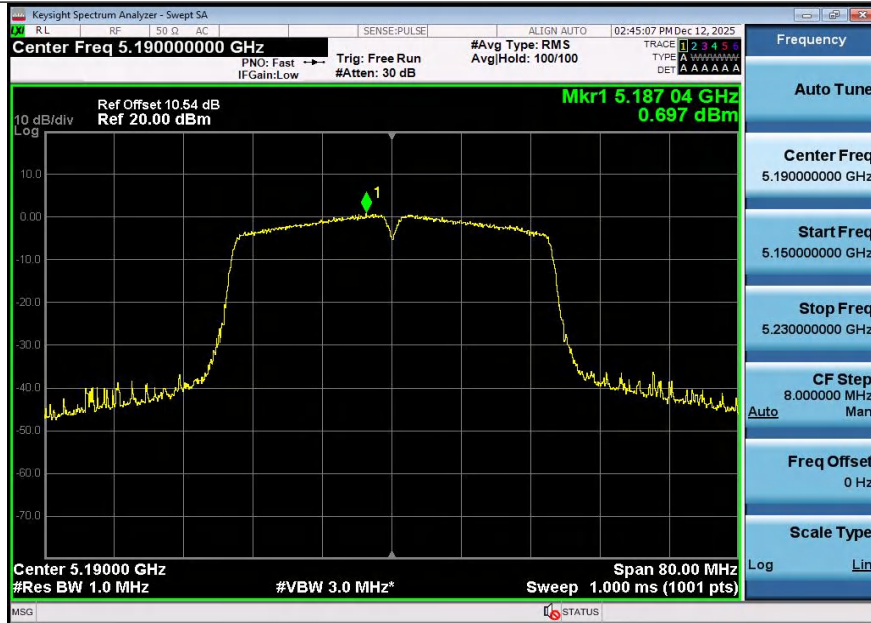
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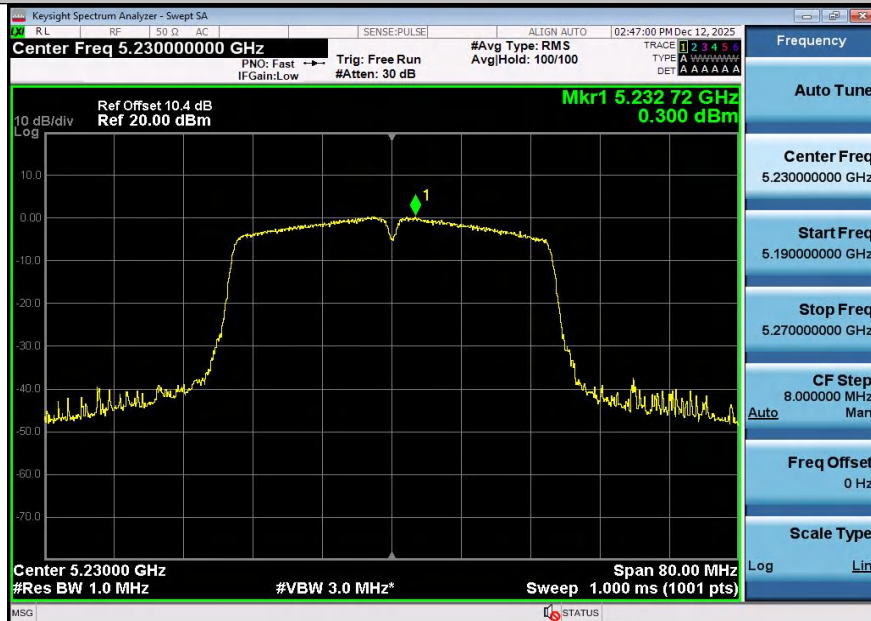
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

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GRCTR251102040-04-Module 2-date



11N40SISO-Ant2-5190-PASS



11N40SISO-Ant2-5230-PASS



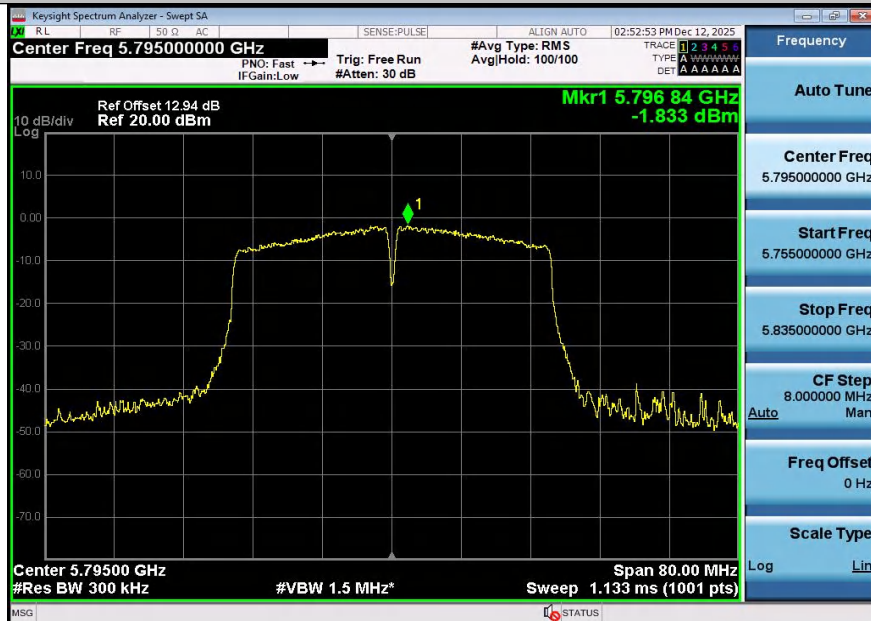
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

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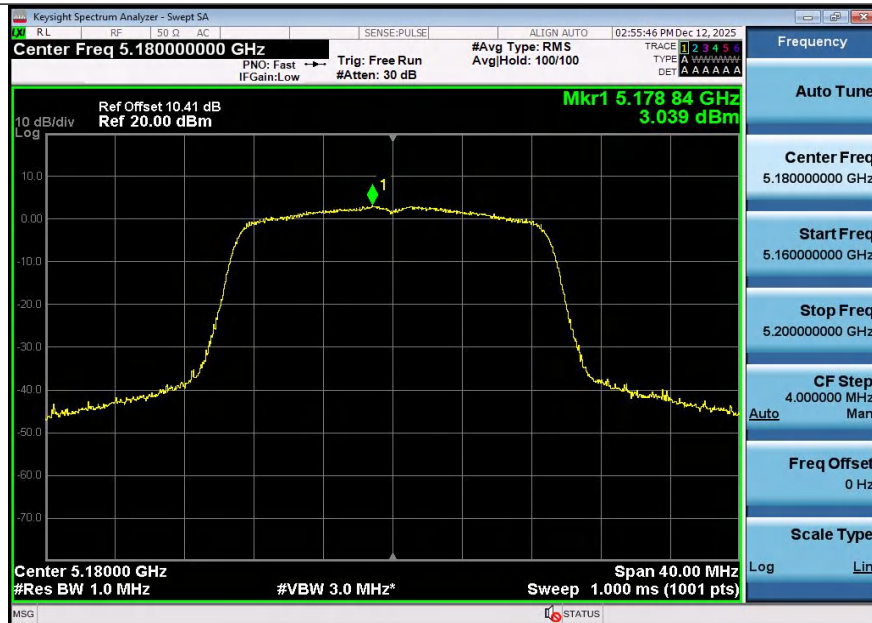
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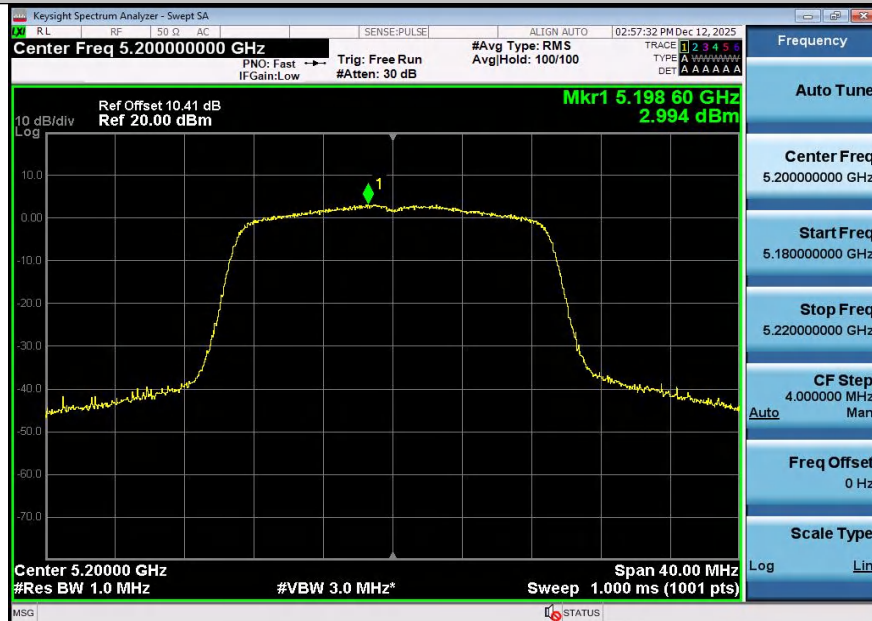
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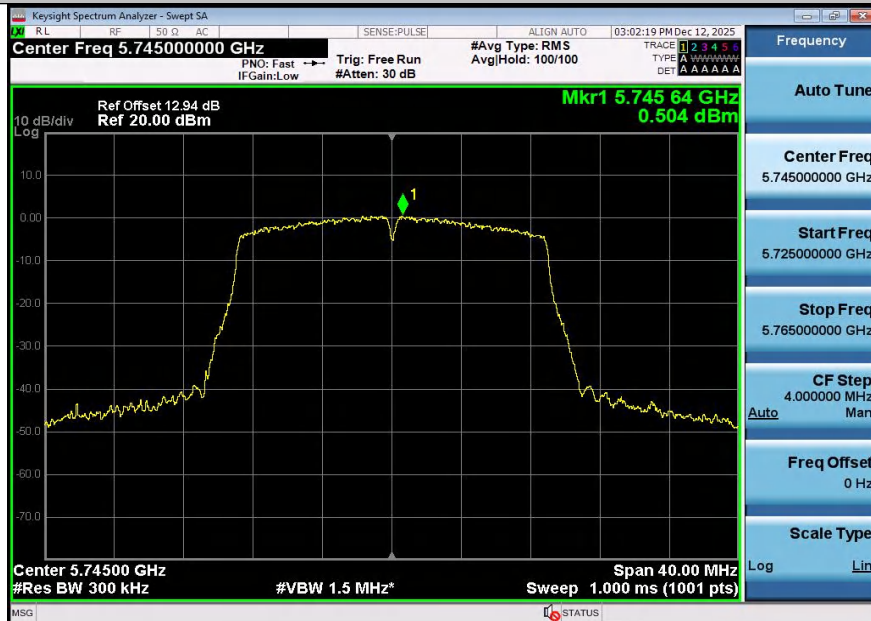
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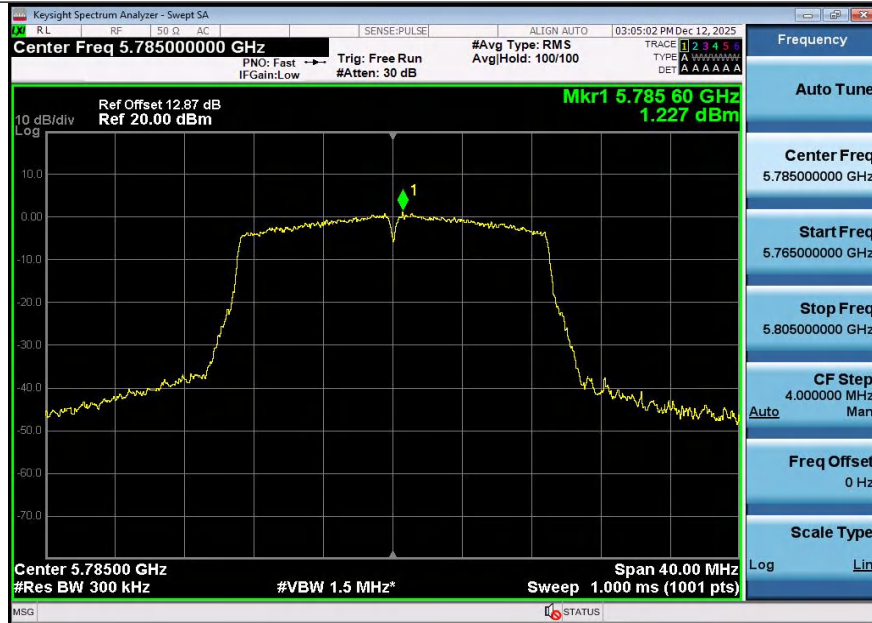
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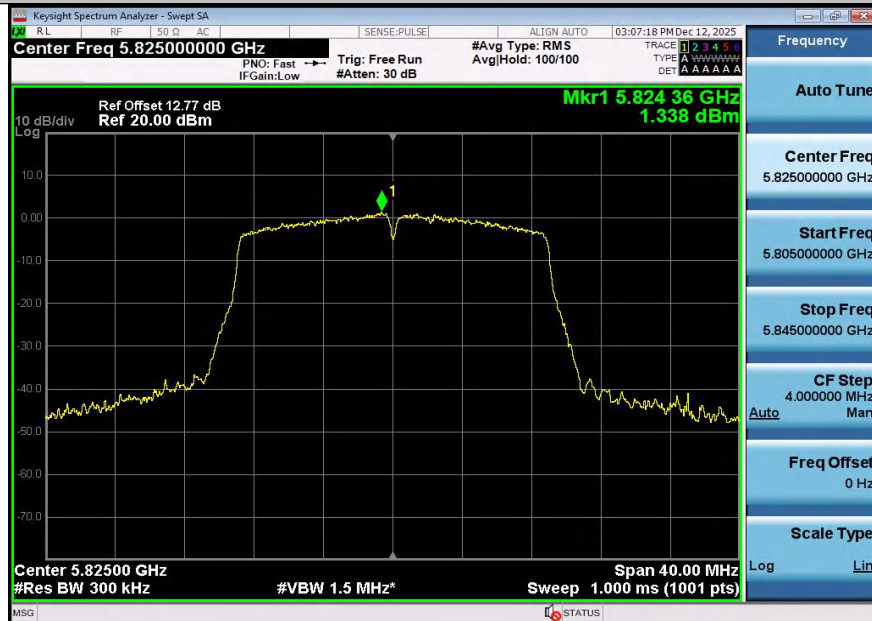
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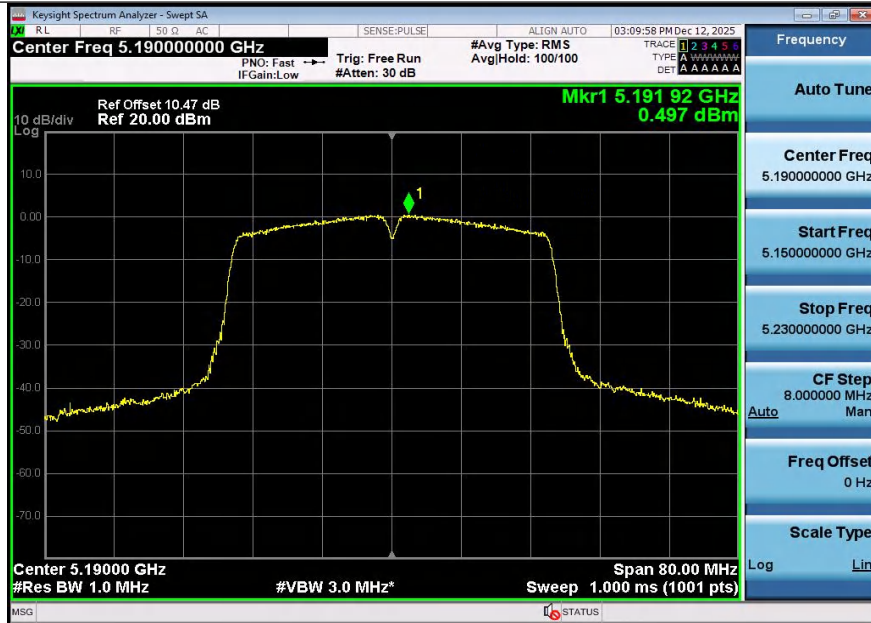
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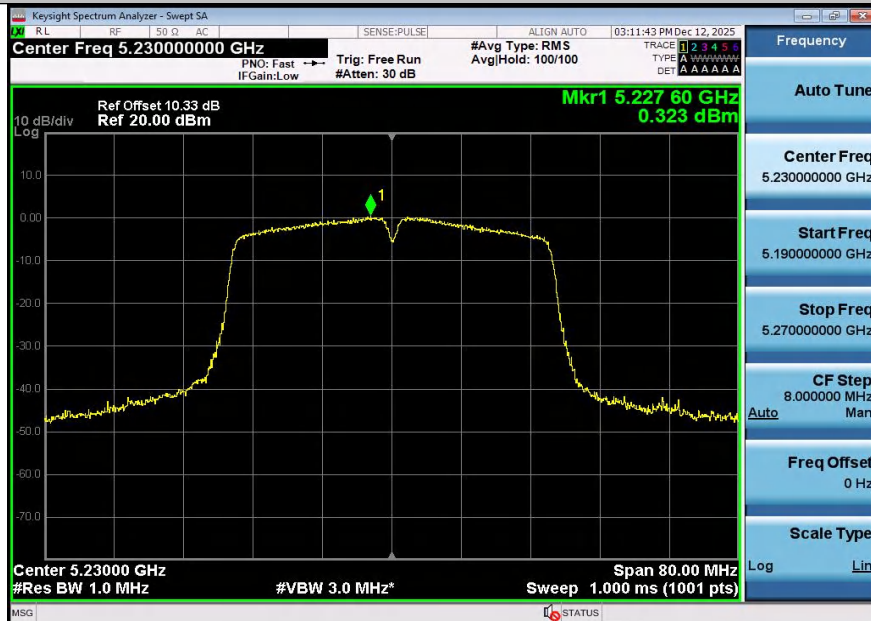
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